



Mississippi Valley Chapter Newsletter

October 2006

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

Event Schedule

- September 21, 2006
Daylighting and Its
Impact on HVAC
- October 19, 2006
Commissioning for
LEED Projects
- November 16, 2006
RP 1219 HVAC
Acoustics
- December 20, 2006
Social Night – Dinner
Theater at Circa 21
- January 18, 2007
Student Activity Night
- February 15, 2007
Dedicated Outdoor Air
Systems
- March 15, 2007
Variable Primary Flow
Pumping Strategy
- April 19, 2007
History of Steam Heat
- May 17, 2007
Building Tour
- June 2007
Golf Outing

Commissioning for LEED Projects

The presentation this month concerns Commissioning and LEED, a discussion of the level of commissioning effort required to satisfy EA Prerequisite 1 as compared to EA Credit 3.

John Prescher has a bachelors and masters degree from South Dakota State University. He has worked as a design engineer for Stanley Consultants since 2000 and has experience with conceptual/schematic and detailed designs of chiller and boiler plants for various higher education and industrial campuses. John's experience also includes retrofitting existing buildings with new HVAC equipment/ductwork, surveying, and making recommendations for upgrading service tunnel utilities. Recent project experience includes commissioning work for central air handling units, boilers, chillers, pumps, control systems, exhaust fans, variable frequency drives, and variable air volume boxes. Services consist of preparing commissioning plans and specifications, coordinating commissioning team, developing pre-functional checklists and functional testing procedures, performing functional testing, reviewing O&M manuals, and coordinating Owner's training. John is a professional engineer and a LEED accredited professional.

ASHRAE Proposes New Moisture Control Standard

In recent years, moisture problems such as mold growth have become big issues for building owners and operators.

Computer simulation tools have been developed to predict thermal and moisture conditions in buildings, but the results can vary greatly with the assumptions for indoor and outdoor conditions.

To help combat this issue, the American Society of Heating,

October 19th Program

Location: The SteepleGate Inn
100 W 76th St
Davenport, IA

Program: Commissioning for
LEED Projects

Agenda: 4:30-5:30 Program
5:30-5:45 Meeting
5:45-6:45 Dinner

Menu: Swiss Steak with gravy
Green Beans Almandine
Tossed Salad
Baked Potato
Surprise Desert

Cost: Members: Free
Others: \$15

RSVP: [Online](#) or call Pat Igou
at 309-748-5903 by
Monday, October 16,
2006

Refrigerating and Air-Conditioning Engineers (ASHRAE) is proposing a standard that formulates design assumptions for moisture design analysis and criteria for acceptable performance. ASHRAE's proposed Standard 160P, Design Criteria for Moisture Control in Buildings, is open for public comment until November 6, 2006. The proposed standard goes beyond prescriptive recommendations for moisture control in buildings that are currently in the ASHRAE Handbook and in building codes.

"Standard 160 gives us a methodology for the first time to make consistent design recommendations, such as the need, type and placement of vapor barriers, in any climate," says Anton TenWolde, chair of the committee that drafted the standard. "The standard requires the designer to think about the interior conditions that will be maintained in the building and the effect that may have on the building envelope."

A draft of the proposed standard is available only during the public review period. To obtain an electronic draft version of Standard 160P during the comment period, log on to ASHRAE.org at www.ashrae.org/publicreviews.

ASHRAE, CAMEE Pursue Interests in Advocacy, Education

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and the Council of American Mechanical and Electrical Engineers (CAMEE) have signed a memorandum of understanding.

The agreement formalizes a working relationship between ASHRAE, which is interested in the technical aspects of the building environment, and CAMEE, which is focused on the business aspects of mechanical and electrical engineering. CAMEE is a coalition of the American Council of Engineering Companies (ACEC).

"The agreement serves to bridge the gap between ASHRAE and CAMEE and their common interests in government advocacy on behalf of our members and education for the operation of engineering businesses," said Terry Townsend, P.E., ASHRAE president. "ASHRAE and CAMEE can now market our activities to the mutual benefit of our collective memberships."

"We look forward to our cooperation with ASHRAE and the benefits that will accrue to both organizations," said David Raymond, president of ACEC.

CAMEE is a coalition of mechanical/electrical engineering firms within ACEC. It was formed to provide information to member firms on how to best serve their clients.

2006-2007 Officers/Board of Governors

President: Bruce Britson
Vice President: Jim Nonnenmann
Treasurer: Andrew Price
Secretary: Pat Igou
Past President: Gary Lange
Member at Large: Eric Granzow
Member at Large: Brian Hodgins

2006-2007 Committee Chairs

CRC Delegate: Jim Nonnenmann
CRC Alternate: Andrew Price
Historian: Sherm Sweeney
Membership: Tracy Van Damme
Programs: Jim Nonnenmann
Resource Promotion: Gary Lange
Seminar: Bruce Davis
Student Activities: Matt Schneider
CTTC: Jon Bovenkamp
Webmaster: Eric Granzow

December 20th is Social Night

December 20th the Mississippi Valley Chapter of ASHRAE will hold its annual social night. This year we will meet at **Circa 21** in Rock Island for Dinner Theater. Doors will open at 5 pm with social time until show time at 5:45 pm. Chapter members are admitted free. Each guest will cost \$35.50. Please mark your calendars. We will need to finalize reservations by the end of November.

Monthly Meetings

The regular monthly meetings for the Mississippi Valley Chapter of ASHRAE are held on the 3rd Thursday of each month from September to May unless otherwise noted. Meetings are located at the Steeplegate Best Western in Davenport Iowa unless noted otherwise.

www.mississippivalleyashrae.org

Only You Can Help!!!

In order for our chapter to grow and maintain the great membership we have enjoyed, we need volunteers to help with the running of the chapter. Volunteers are needed for the following committees:

Membership	CTTC
Student Activities	Webmaster
Resource Promotion	History

Contact any officer or committee chair to Volunteer!

Sponsors Needed

The Mississippi Valley Chapter of ASHRAE is bringing Dan Holohan to our April 19th chapter meeting to speak on the History of Steam Heat. Dan is a nationally know author and lecturer with an entertaining style. The chapter is looking for sponsors to help defray a portion of the costs to bring Dan to the Quad Cities. If you can help, please contact Andrew Price.



Mississippi Valley Chapter
ASHRAE
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